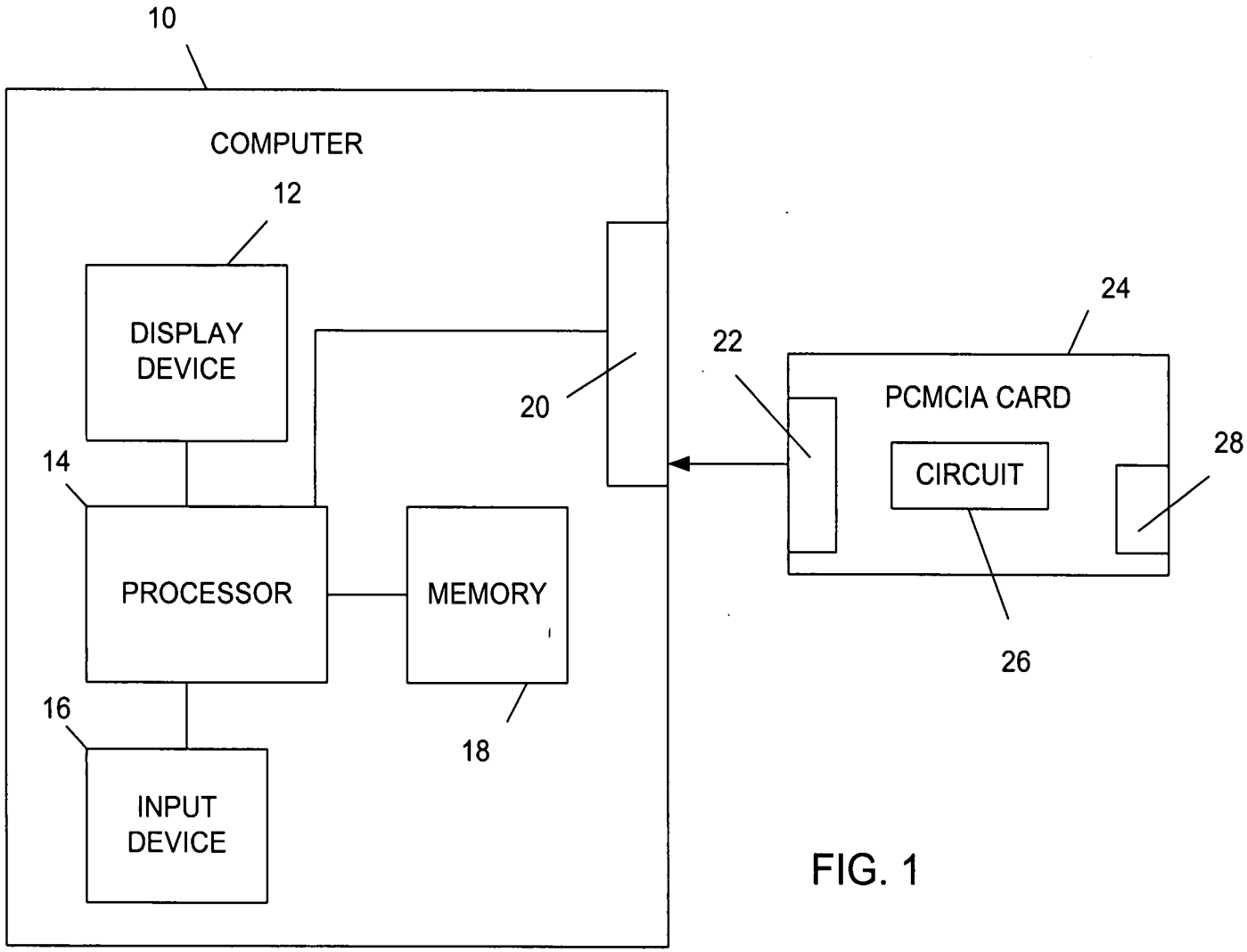
10
COMPUTER
12
DISPLAY DEVICE
14
PROCESSOR
MEMORY
16
INPUT DEVICE
18
20
22
24
PCMCIA CARD
CIRCUIT
26
28

FIG. 1

PULSE WIDTH TESTING AND DATA OUTPUT SECTION

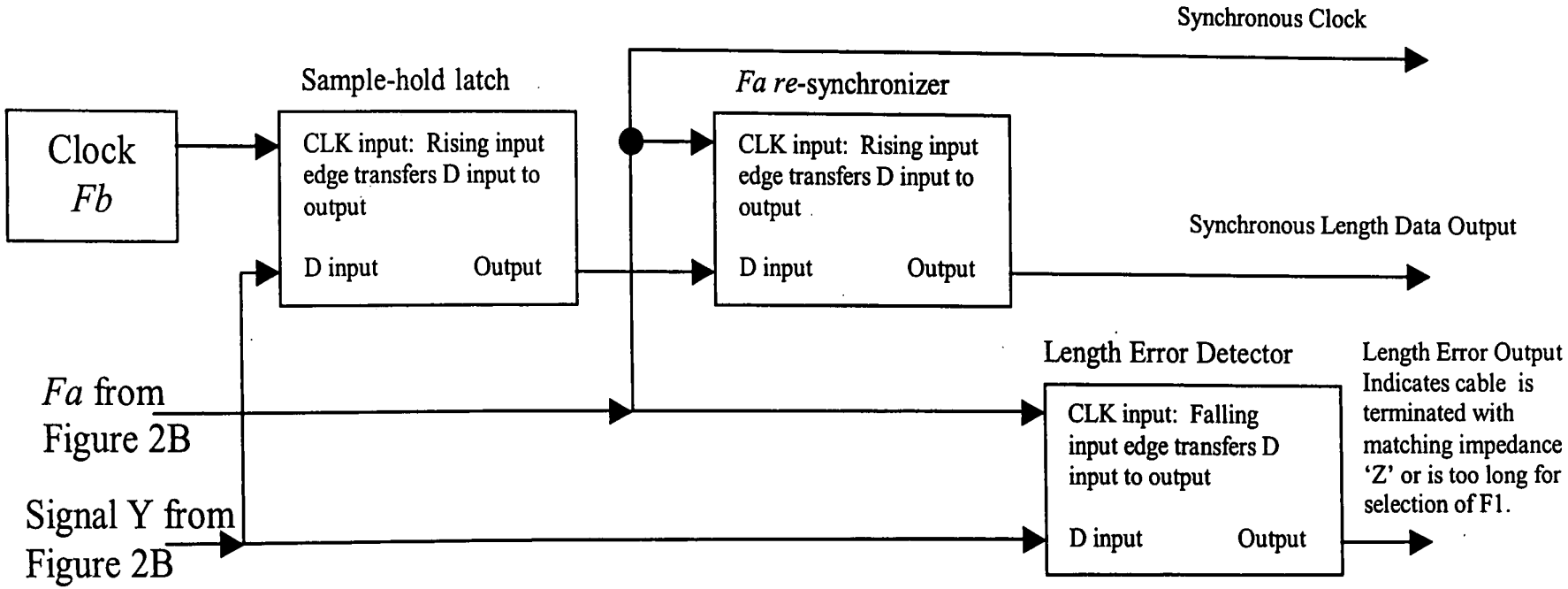

FIG. 2A

CABLE-LENGTH-CONTROLLED PULSE WIDTH OSCILLATOR SECTION

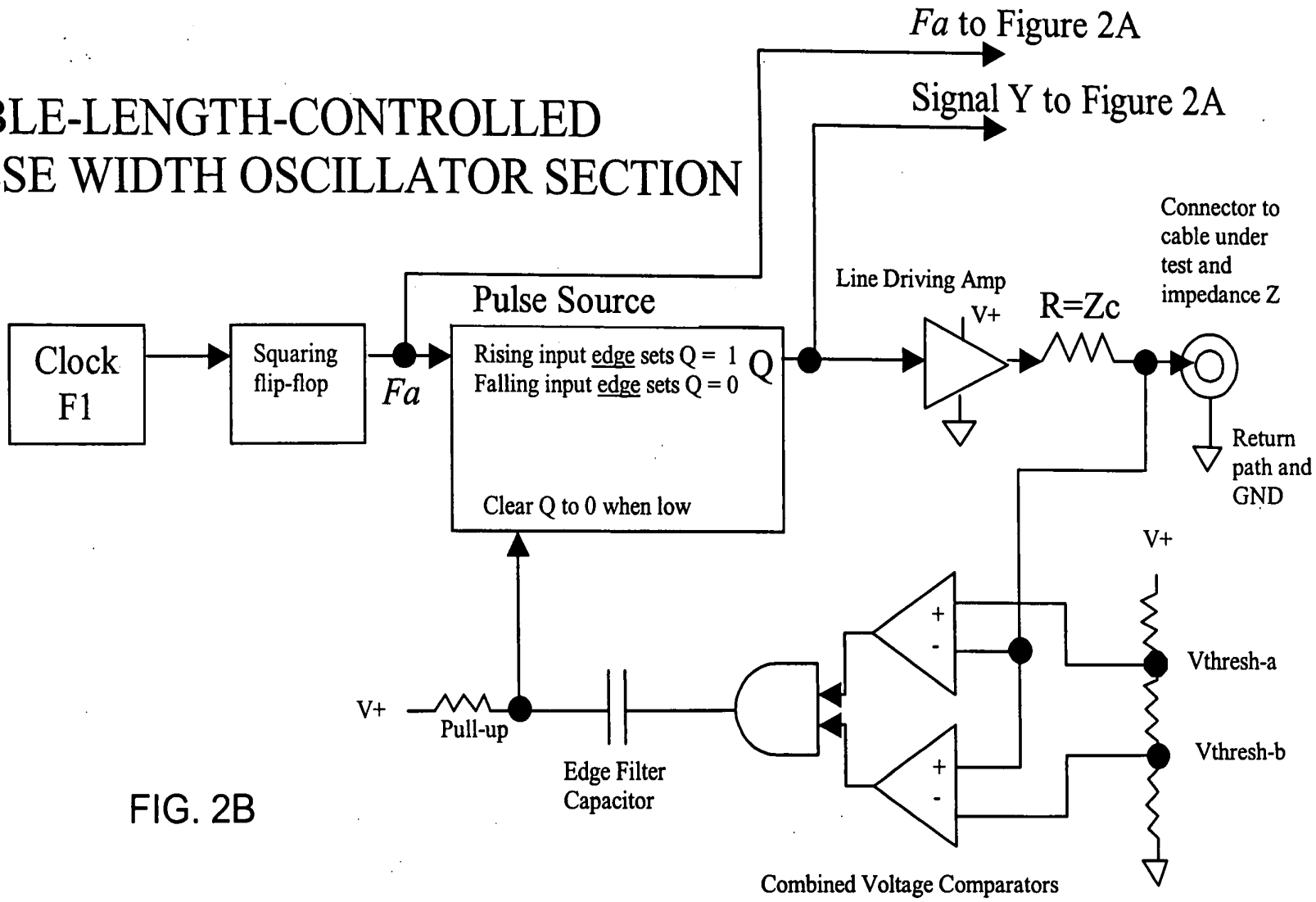

FIG. 2B

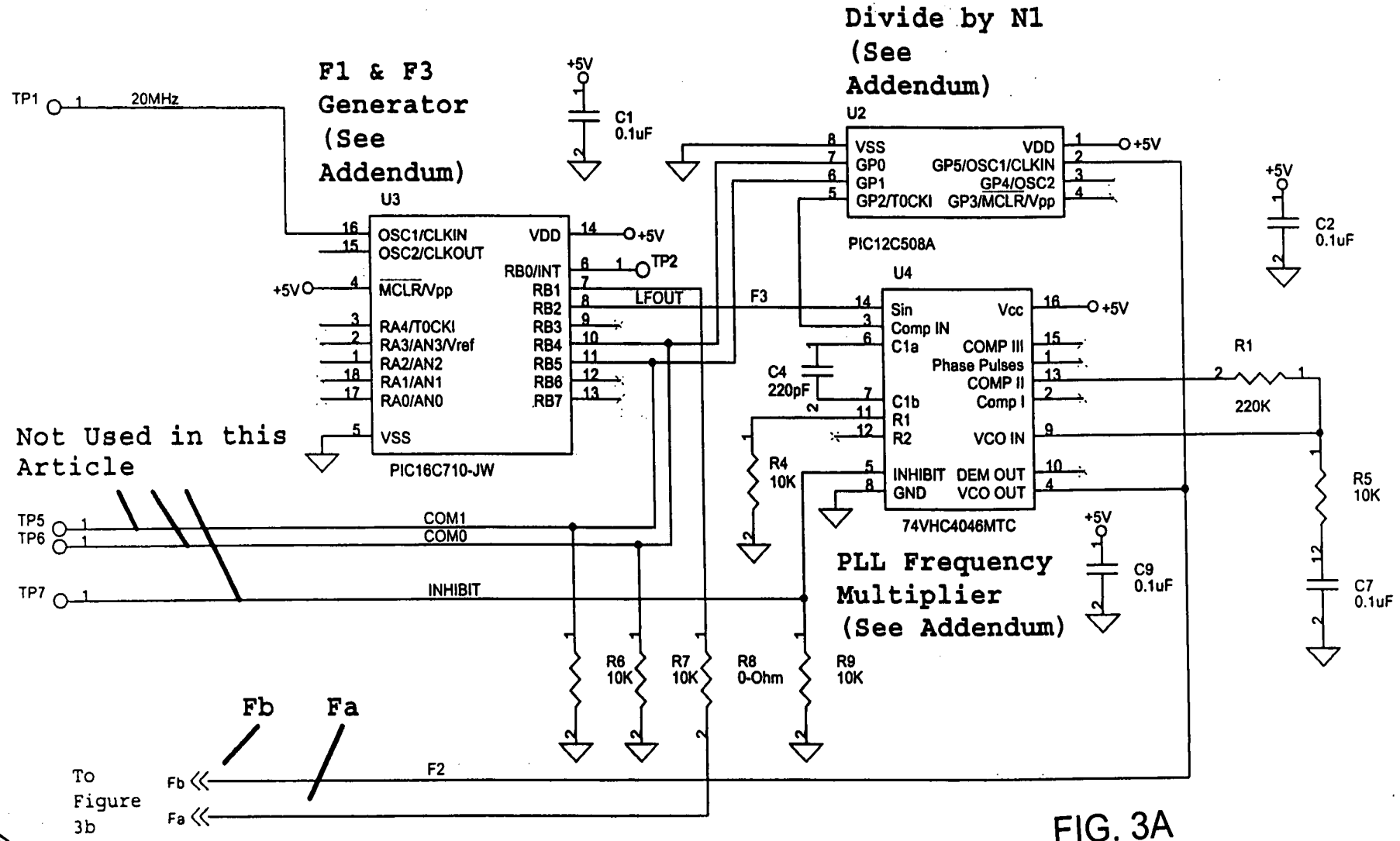

FIG. 3A

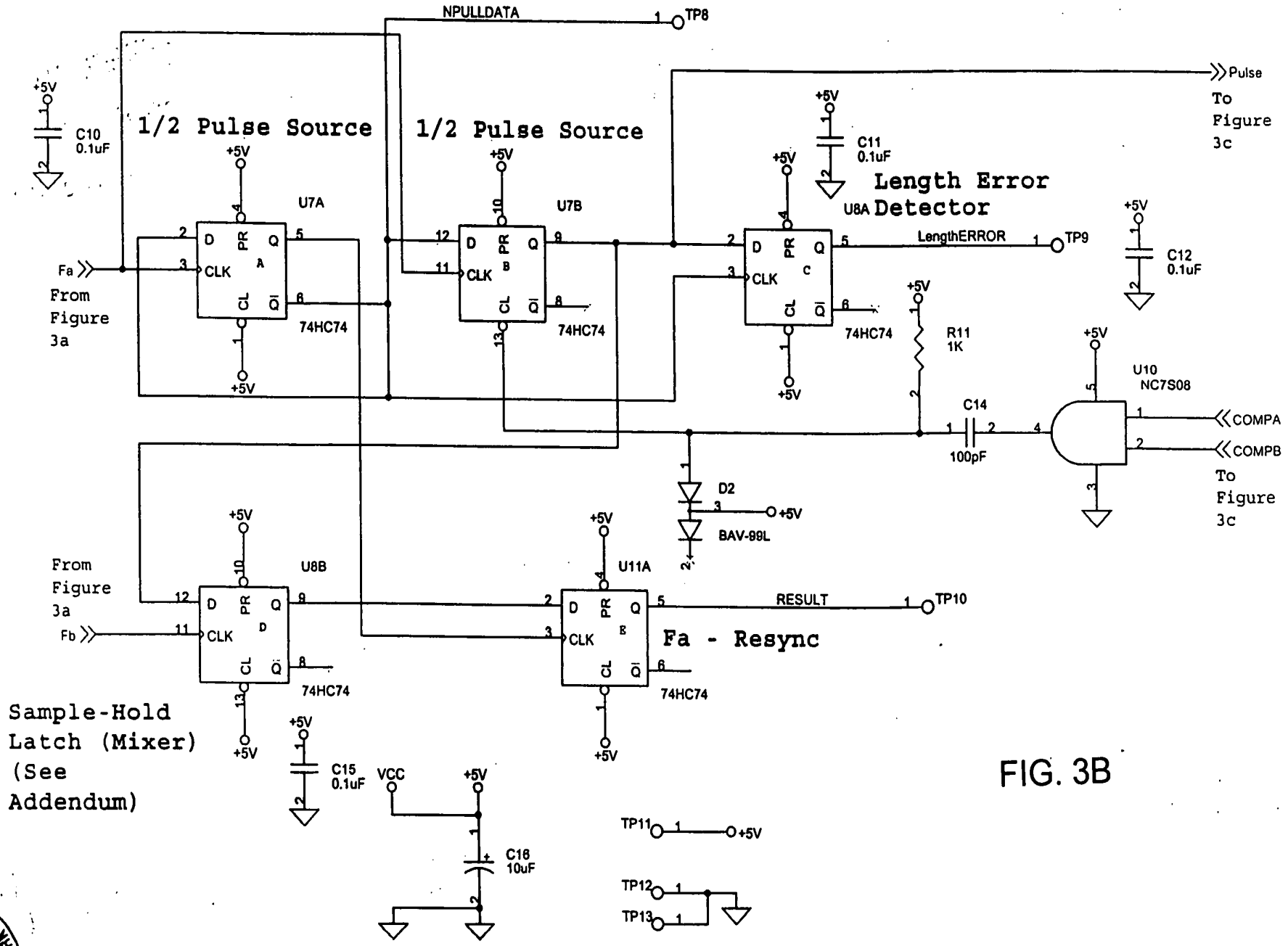

FIG. 3B

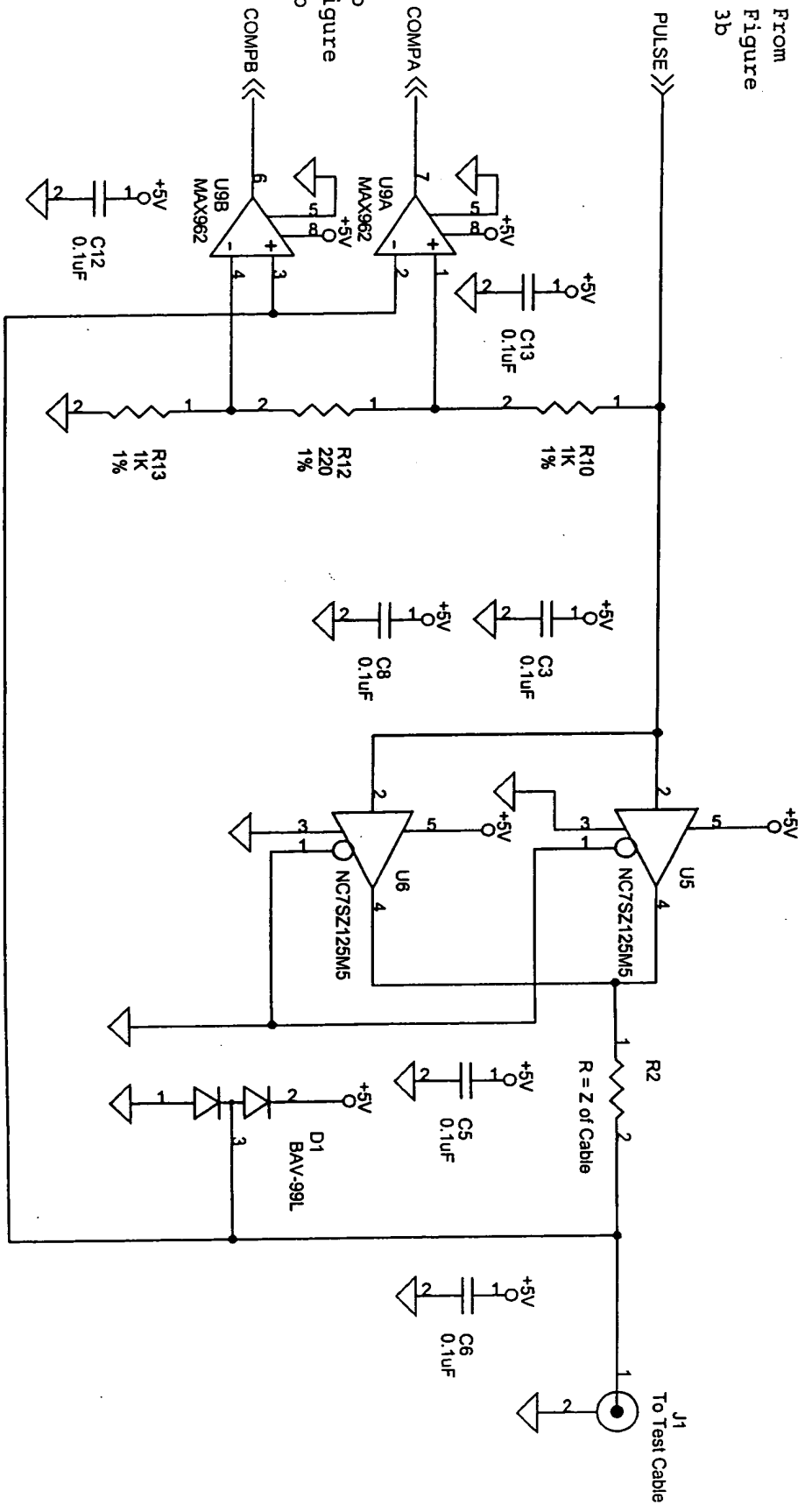

FIG. 3C

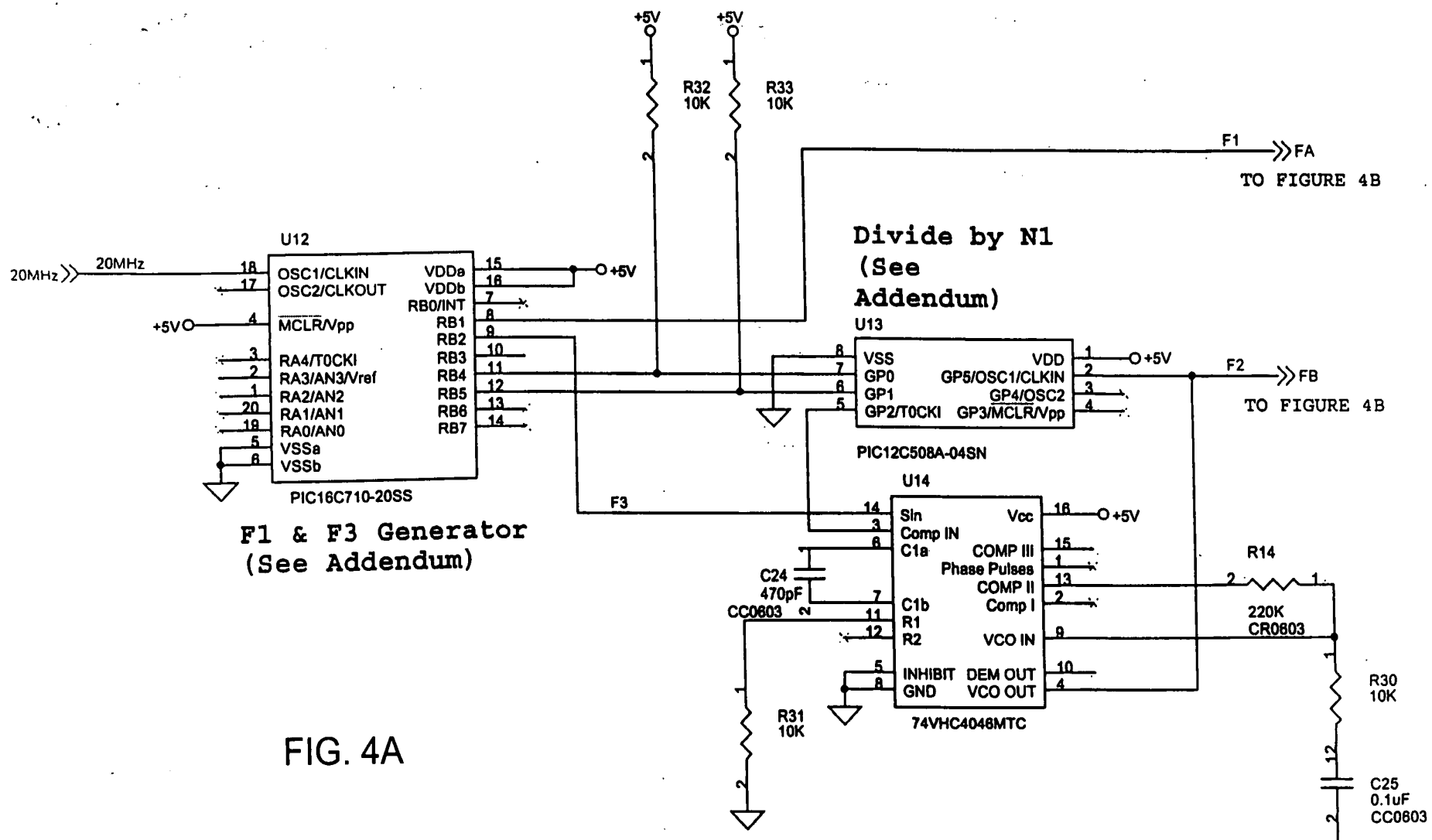

FIG. 4A

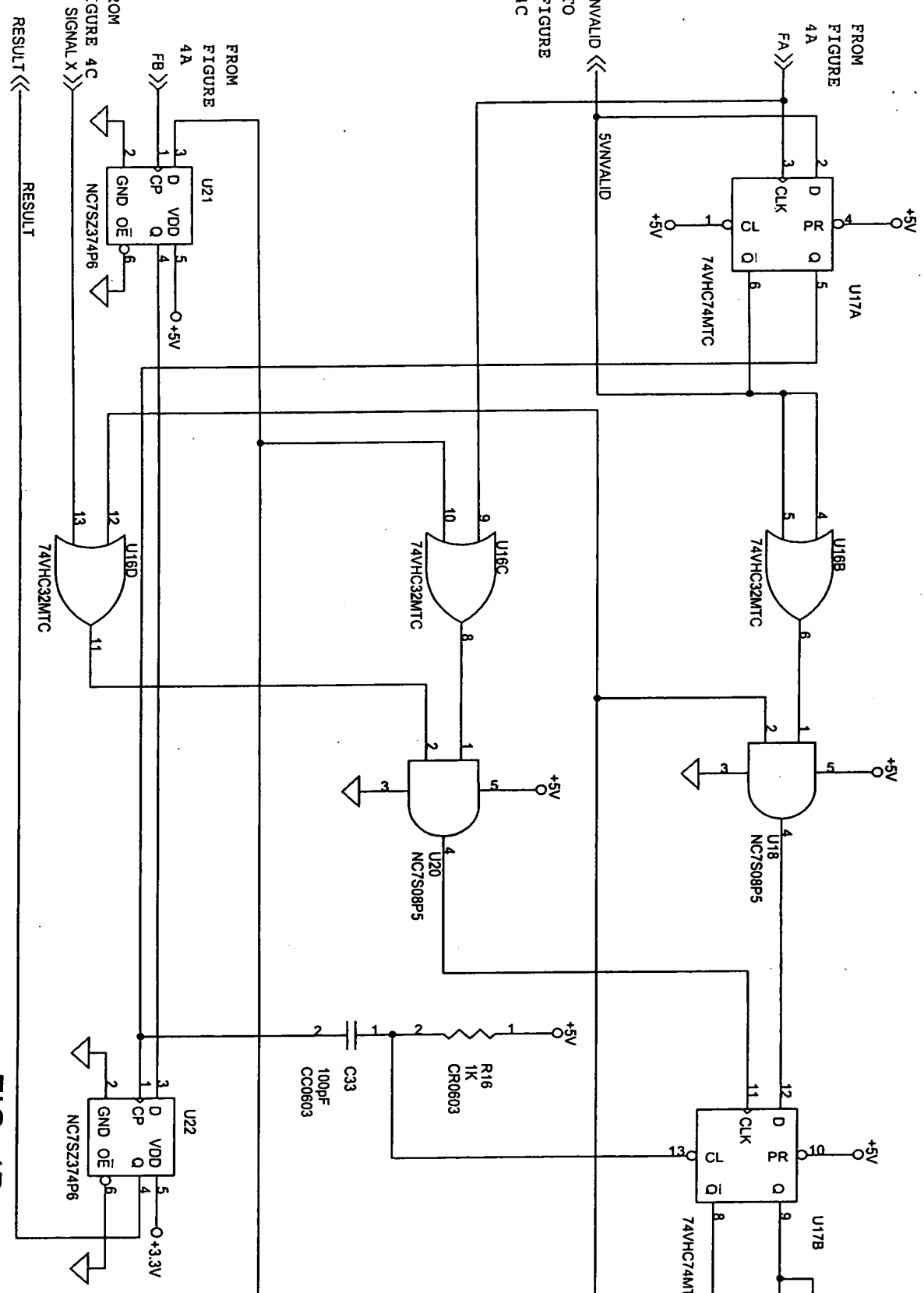

FIG. 4B

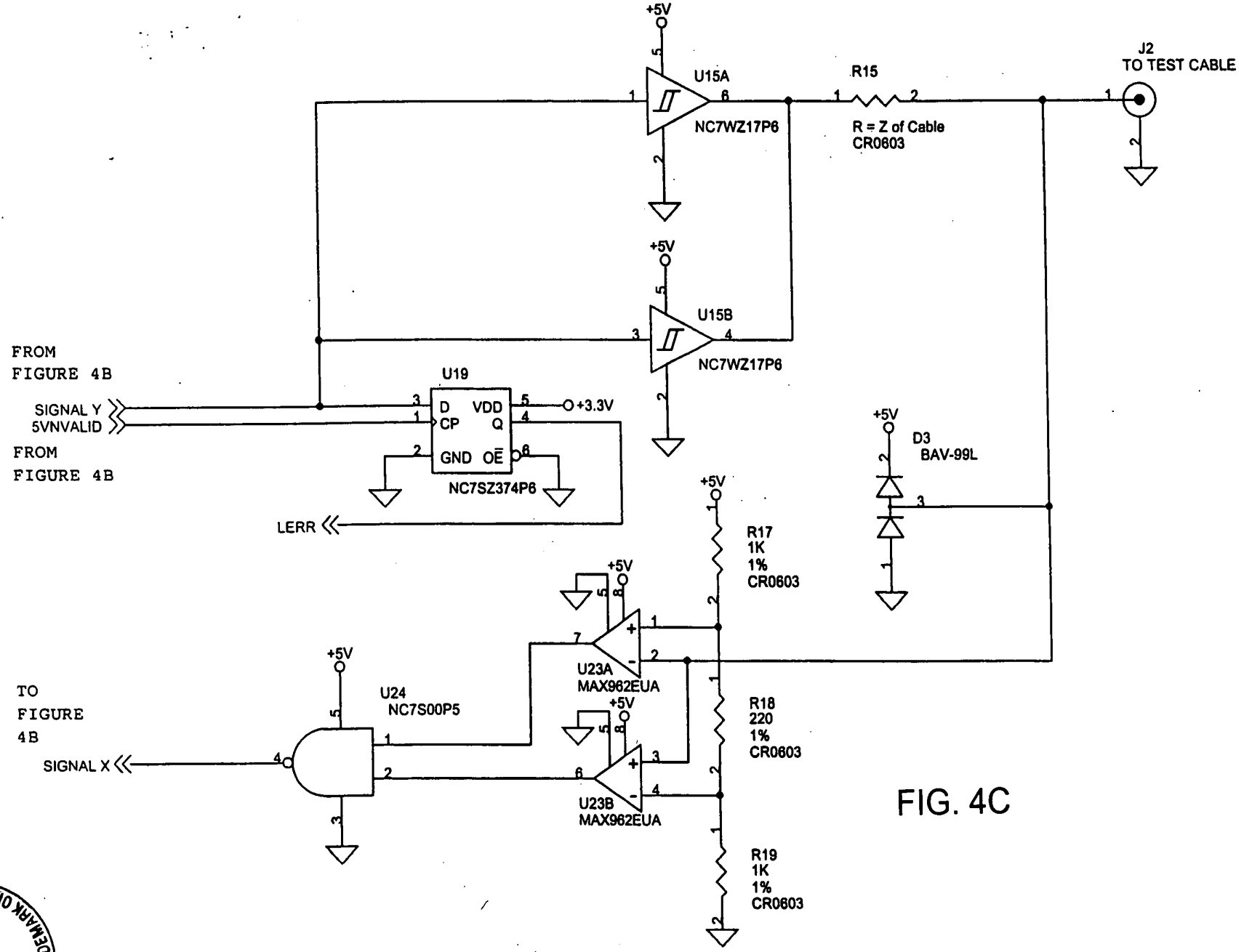

FIG. 4C

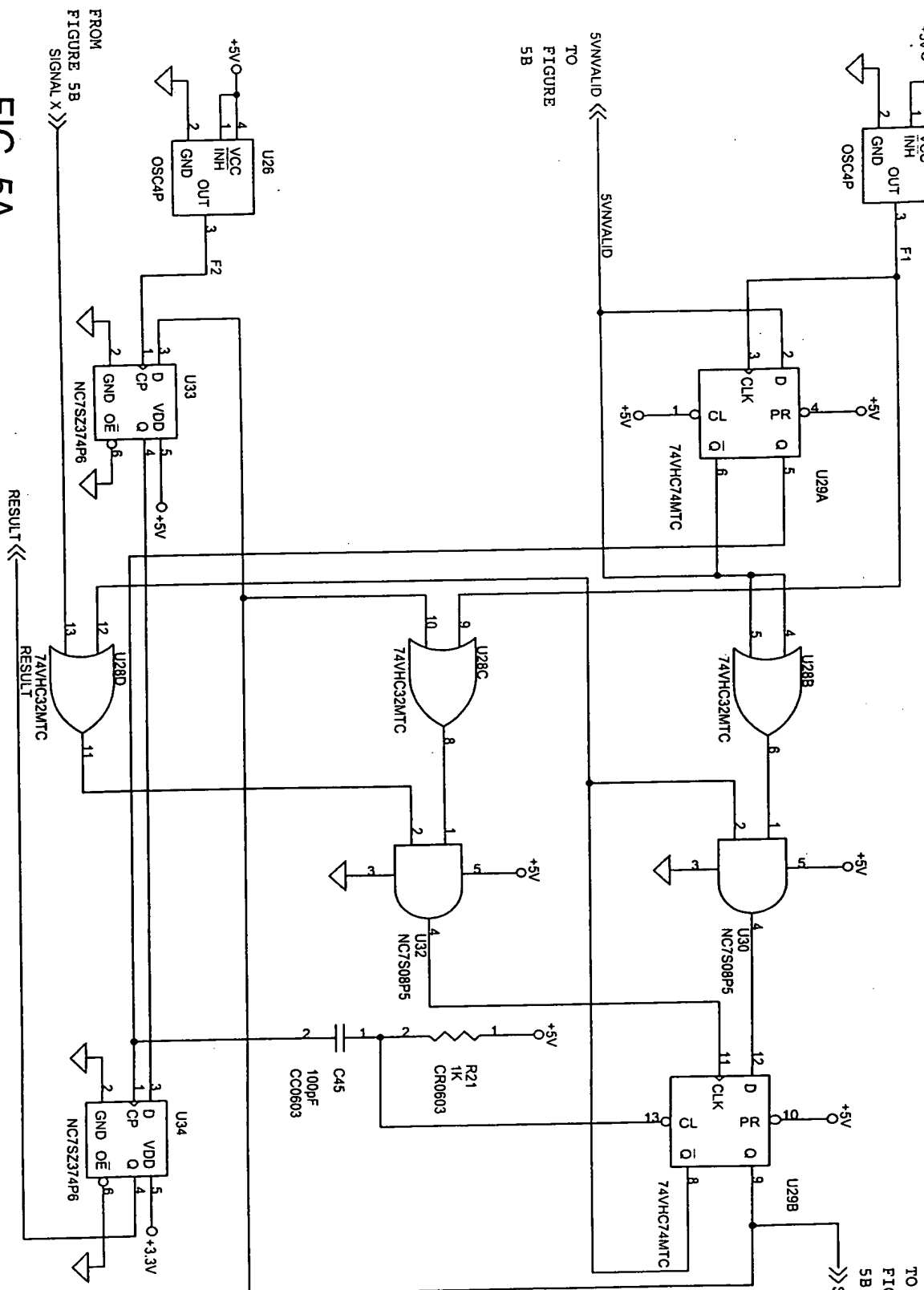

FIG. 5A

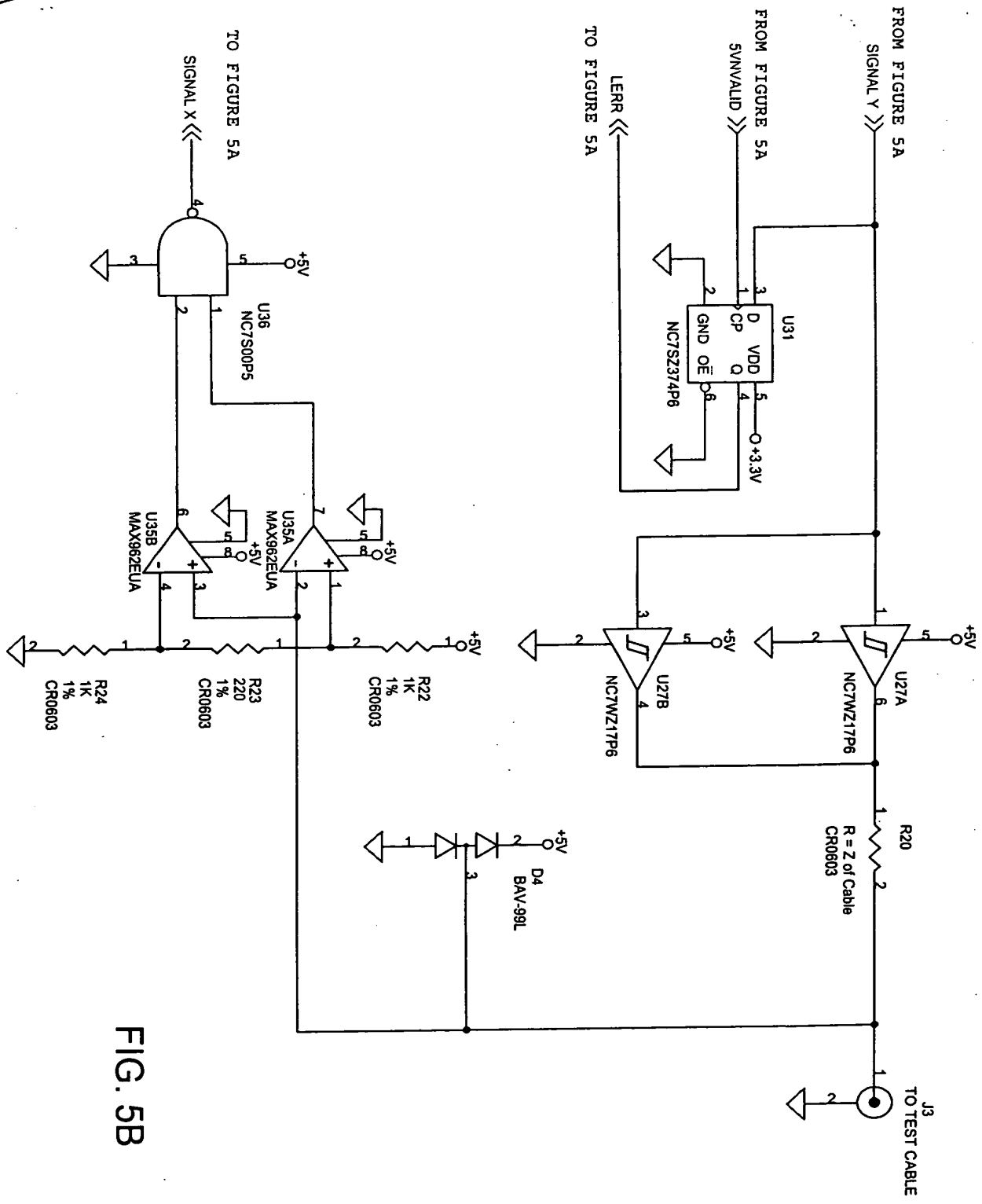

FIG. 5B

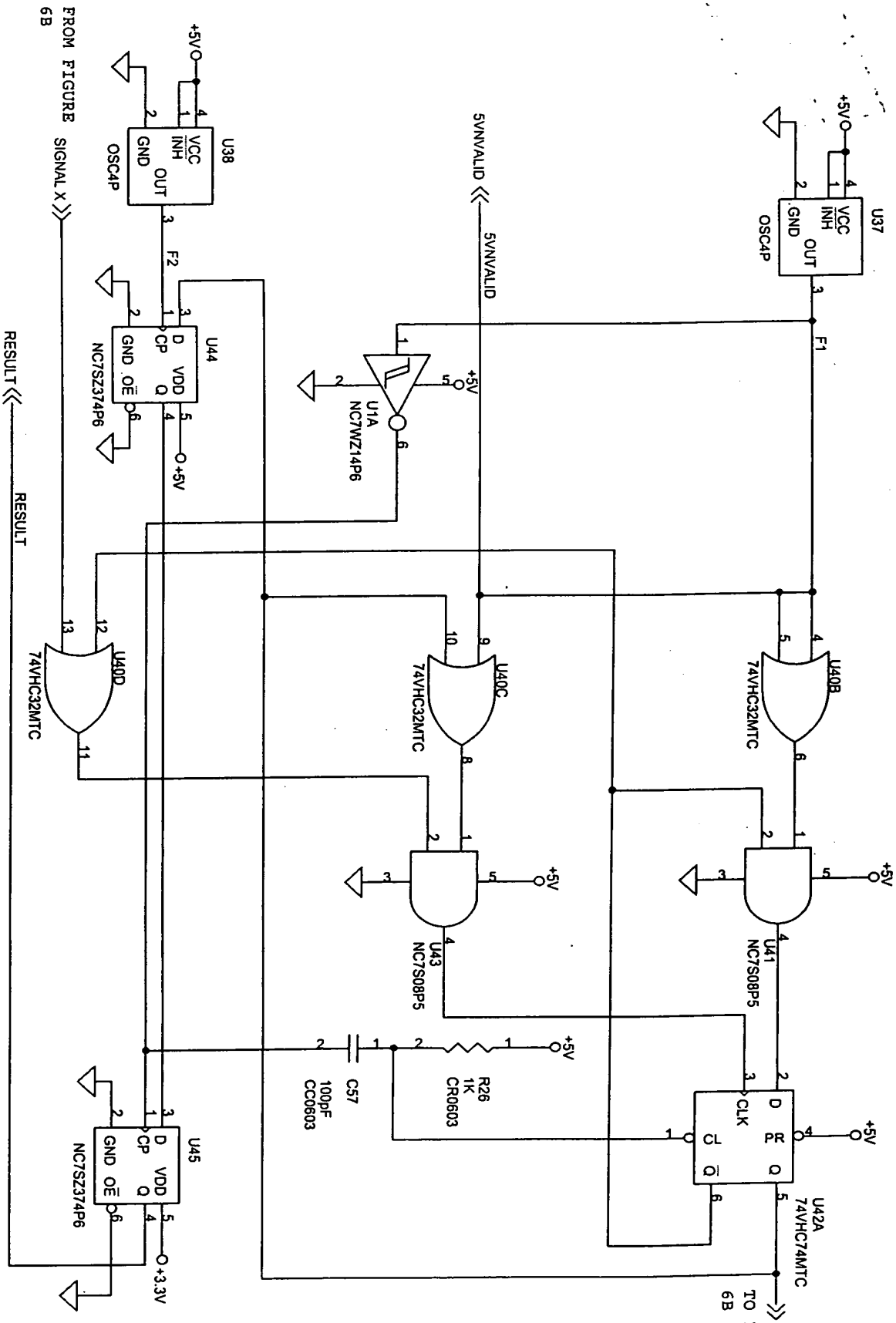

FIG. 6A

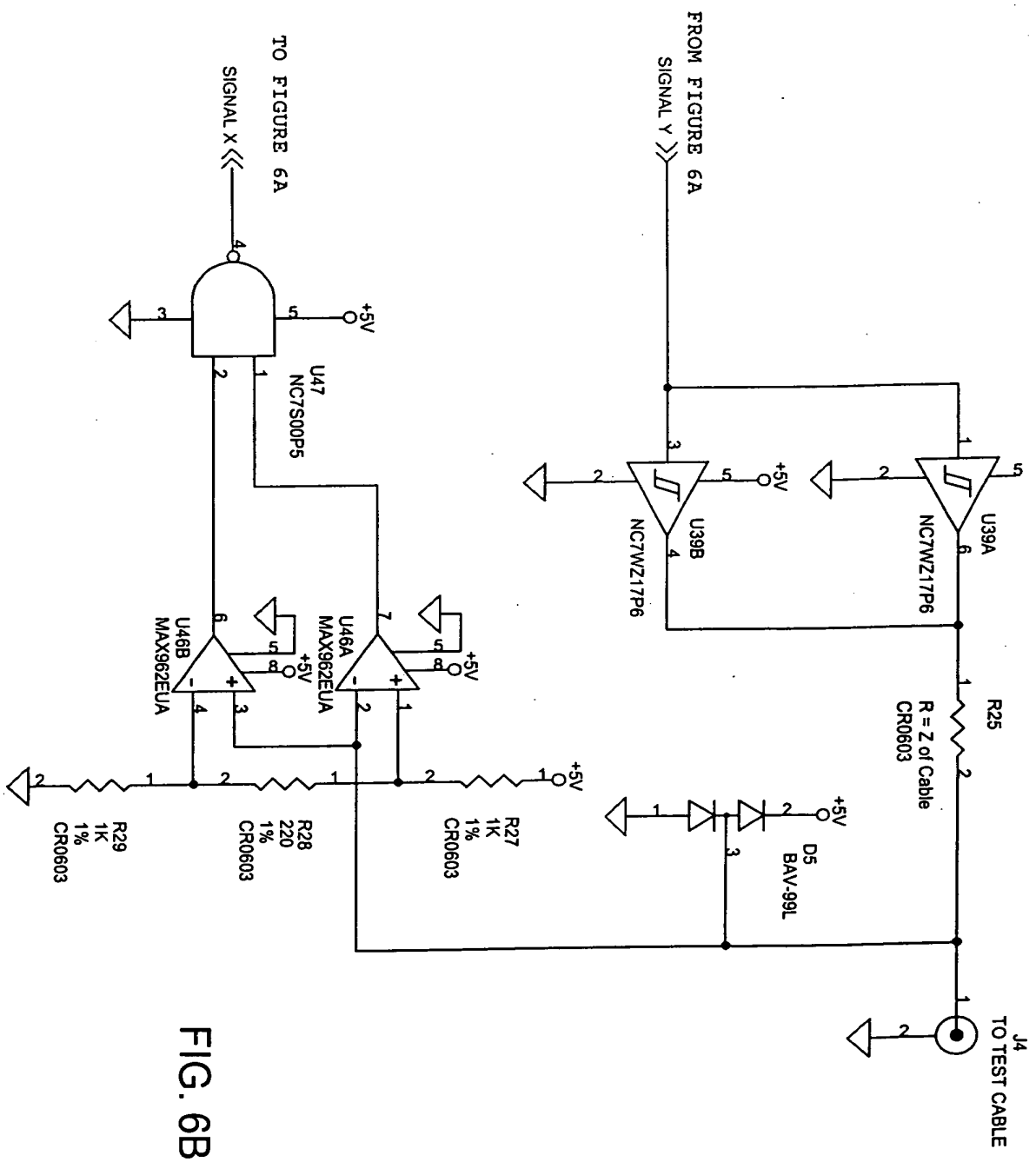

FIG. 6B

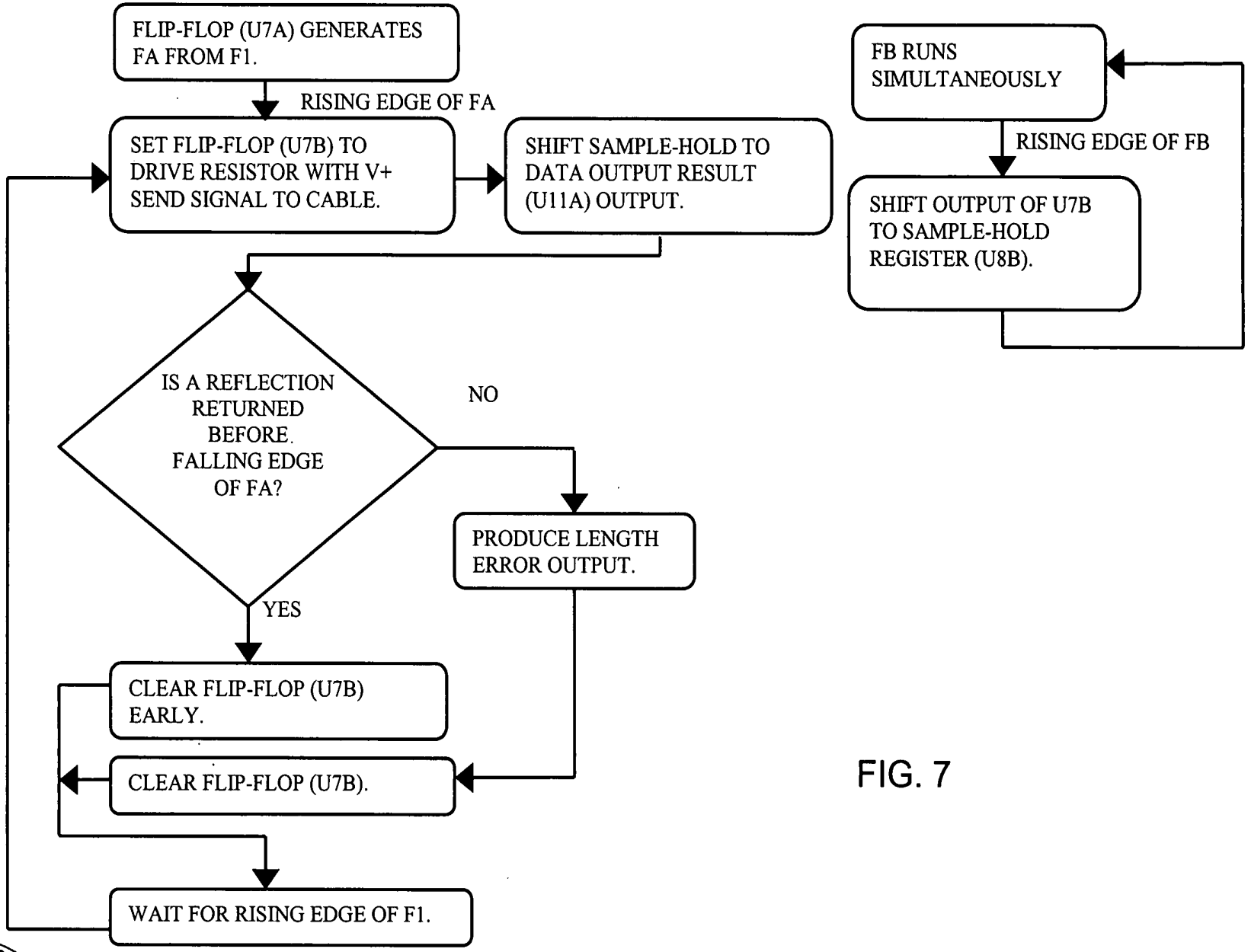

FIG. 7